


Appendix A: Cover Sheet

Section 1.0 APPLICATION FOR SUBGRANT UNDER FY16-FY17 State Educational Technology Implementation Funds NRS 388.780-805 Commission on Educational Technology Return to: Kimberly Vidoni 700 East Fifth Street Carson City, NV 89701	
1. DISTRICT NAME AND MAILING ADDRESS: White Pine County School District 1135 Avenue C Ely, Nevada Name of School: White Pine Middle & Lund Middle Schools	2. AUTHORIZED CONTACT PERSON: (This person must be available 2/25/16, 9:00-4:00 to answer questions at the phone number below.) Name <u>Sharyl Allen</u> Title <u>Principal</u> Phone and Extension: <u>(775)289-4841 x 3103</u> Fax Number: <u>(775)289-1565</u> E-mail Address: <u>shaallen@whitepine.k12.nv.us</u>
3. Total Funds Requested: One-to-One: \$180,033.64 WAN Upgrades:	
4. CERTIFICATION I HEREBY CERTIFY that, to the best of my knowledge, the information contained in this application is correct; the local Board of Trustees has authorized me, as its representative, to file this application; and such action is recorded in the minutes of the agency's meeting held on: <u>1/19/16</u> (date)	
5. Signature  District Superintendent	
STATE DEPARTMENT USE ONLY	
Date Received:	Approved:
Initial Grant Award Issued: _____	Amount: \$ _____

School Demographics Worksheet

Complete the form with information about the applying school

School Name: White Pine Middle School

Students

# Enrolled (Current)	# Enrolled (Projected)	# IEP	# FRL	#ELL
239	245	49	96	10

School Name: Lund Middle School

Students

# Enrolled (Current)	# Enrolled (Projected)	# IEP	# FRL	#ELL
19	20	3	5	0

The information below is for informational purposes only and will not be subject to scoring.

Staff – White Pine Middle School(Current, Pre-NR21 Counts)

#Teachers	#Tech Coaches	#IT Technicians	Total # Staff in Gateway
12	0	0	25

Staff – Lund Middle School(Current, Pre-NR21 Counts)

#Teachers	#Tech Coaches	#IT Technicians	Total # Staff in Gateway
1	0	0	12

Does the school use Canvas as an LMS?

No

If so, in what capacity?

Name of the district point of contact for this program: Sharyl Allen, WPMS Principal

Wireless Local Area Network (WLAN) Specifications Summary Form

Manufacturer Ruckus

Wireless Transmission Rate of: see explanation below

The primary WLAN standards at the Middle School are 802.11n and 802.11ac. We can estimate the rates theoretically available at the Middle School. We can safely say that any WLAN client at the school is within 50 feet of an AP. Zero to 50 feet is probably where the data rate is the best, so most WLAN clients will have the best case theoretical maximum data rates:

802.11ac: up to 1300 Mbps at 50 feet

802.11n: up to 450 Mbps at 50 feet

If you have clients in the 100-200 foot range from an AP then I would say that would be a poor design of the AP infrastructure, but if they absolutely want rate/distance numbers I guess we can estimate 100 feet at 1/8 of the maximum and 200 feet at 1/64 of the maximum (decrease with the cube of the distance).

802.11ac: up to 1300 Mbps at 50 feet, 162Mbps at 100 feet, 20Mbps at 200 feet

802.11n: up to 450 Mbps at 50 feet, 56Mbps at 100 feet, 7Mbps at 200 feet

Maximum Range of Unknown feet

The access points support all of the current WLAN networking standards - 802.11a/b/g/n/ac

Wireless vendors don't supply any rate/distance data probably because it is totally dependent on the environment.

But according to the CarNet wifi testing Ruckus outperforms all other major brands. <http://marketing.ruckuswireless.com/acton/attachment/3040/u-006b/0/-/-/-/>

Full disclosure of the capabilities and limitations of the wireless technology proposed must be included such as interference between classrooms, distance and object penetration data, and susceptibility to interference from outside sources.

The system in our district included an oversaturation rate due to age of buildings. There is not interference between classrooms today anywhere within the building. There has not been any noticed interference from outside sources.

Maintenance normally occurs after-hours or on weekends when the school is closed. There is normally zero interference with the learning environment.

There are power back-up systems and network monitoring from Las Vegas occurs daily. The district is able to contact network engineers 24/7 should there be issues and they normally have the system on-line before students arrive. The system has never been down for more than 24 hours. However, there is not any other wireless back-up system within the school. If the network goes down, students and staff do not have internet access on wireless devices. Our backup plan is for students to work with paper and pencil.

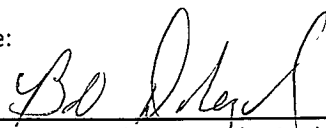
Please describe other WLAN specifications

Appendix E: Assurances

The undersigned provides the following assurances:

1. The provisions listed in the Educational Technology Appropriation pertaining to the use of the technology appropriations will be fully accepted and complied with.
2. The funding provided through the Educational Technology Appropriation will be accounted for separately in a Special Revenue Account. The accounting and program records will be available to representatives of the Commission on Educational Technology, Nevada Department of Education, Legislative Committee on Education, Legislative Counsel Bureau, Legislative Bureau of Educational Accountability and Program Evaluation, and State Department of Administration. The records will also be subject to the annual organization audit required of all school districts.
3. The reports pertaining to educational technology requested by the Commission on Educational Technology, Nevada Department of Education, Legislative Committee on Education, Legislative Counsel Bureau, Legislative Bureau of Educational Accountability, and State Department of Administration will be filed accurately and within the prescribed timelines. If they are not, this will be grounds for forfeiture of remaining funds for the FY16 or FY17 grant cycle.
4. Students with special needs and disabilities will receive the consideration of programs and projects involving the enhancement of educational technology.
5. The school district will not use the funds to enhance the salaries or benefits of current employees. Furthermore the funding will not be used to increase the resources available for contract negotiations with the associations representing the various employee groups.
6. The district agrees to hire a district coach dedicated to NR21 as outlined in the application.
7. The district agrees to provide adequate tech support for NR21 as outlined in the application.
8. The district agrees to pay the vendor(s) that are selected for the project as defined in the grant award.
9. The district agrees to provide a service level of on-site technical support to students and staff with a target maximum 24 hours response time.
10. The district agrees to provide adequate locations at the school to house the networking equipment including switches, patch panels, and controllers including surge protection.
11. The district agrees that the bandwidth identified in the submitted application will in place by implementation of the program.
12. The district agrees to fully comply with all NR21 professional development requirements and those outlined by the district in the application.
13. The district agrees to maintain students' media releases and acceptable use policies as normally administered by the district and school(s).
14. The district agrees to fully comply with the needs assessment mandated by NRS 388.795. Second year funding may be withheld if the district does not comply.
15. The district agrees to fully comply with the outside evaluation team that will evaluate the effectiveness of these grants and any other state data collection initiative. Noncompliance may affect the district's eligibility in future grant cycles or result in forfeiture of remaining funds for the FY16 or FY17 grant cycle.
16. All requests for budget amendments must be made in writing prior to expenditure of funds.
17. Final financial reports will be on file with the Nevada Department of Education for all previous educational technology funding within 45 days from the end of the grant cycle.
18. Agree that any funds not committed for expenditure as of June 30, 2017 will be returned to the Nevada Department of Education for reversion to the State General Fund.
19. Agree to all the terms of participation outlined in this RFA.

Signature:



District Superintendent or Authorized Designee

Bob Dolezal

Print Name Here

2/5/16

Date

White Pine

School District

WHITE PINE COUNTY SCHOOL DISTRICT

School Change

White Pine Middle School participated in a limited district initiative of Chromebook use three years ago. During that time, ELA teachers and one Math teacher received intensive professional development in the use of technology as an instructional tool instead of a paper-pencil replacement. It was the beginning of a transformative effort in the school district. Our 8th grade math teacher piloted a personalized learning model for a semester and the student response was overwhelmingly positive. This was done using Google apps for education. 8th grade Math MAPS data showed an average of 10 points growth in one semester where average annual growth is typically 3 points. Students were intrinsically motivated, began to demonstrate self-advocacy in a structure that had moved from teacher-centered to student-driven for both pace and path of their learning. The transformation of being able to meet each student from where they needed to grow was inspiring for students and staff.

Because of the progress we have made to-date, re-thinking the role of the teacher and looking at the NR 21 plan, our school has taken the time-proven traditional practices and blended them with the emerging innovations that allow our teachers to teach in the moment of need for students. Personalizing learning for every student is where we aspire to be... we have begun the journey and because of our emphasis on equity for all kids, we know we still have many issues to solve. For example:

- Connectivity at home
- Engagement of the most disengaged learners whose academic skills are still at 2-4th grade levels
- Ensuring **all** of our teachers are supported in being able to personalize learning and shift teaching to a student-centered model
- Building a robust public relations campaign so parents support and understand the disruptive innovations that are creating classrooms different from what parents experienced
- Focused professional development that continually meets teachers where they are on the continuum of 21st Century teaching and learning.
- Deliberate practices that prepare all students for career and college readiness
- Expansion of problem-based learning modules in all units of instruction
- Build in all subject areas strategies for digital communication and collaboration that can extend to global student work groups

NR21 will allow us to continue upon the 1.5 years of transformative efforts we have begun to every teacher in our school. In addition it will expand our collaboration efforts Statewide and finally, the resources will ensure that all students have sturdy one-to-one devices that can endure the constant use of middle school students.

Goal: To expand the reach of one-to-one devices to an anytime, anywhere model that allows students to access their learning in **all** subject areas using our beyond blended learning model to facilitate student-centered and moment of need instruction.

Objective: Ensuring student-centered, personalized instruction where students possess the self-regulation skills to meet course completion pacing guides.

Outcome: All students will demonstrate mastery of the standards in their courses of learning using all of the resources available to them (i.e. – teacher, community, technology and the vast world of rich learning it affords every student) as demonstrated by district and state assessments scores.

Description: This goal will be achieved by:

- Developing community resources that will enable students without home connectivity to access the Internet through community sites that are available. (e.g. McDonalds, Hotels, public library).
- Revamp school hours to provide access for students outside of the school day.
- Ensure all subject areas have digital curriculum and lessons available to students, in a Learning Management System (Canvas) so they can progress anytime, anywhere at the pace that ensures their mastery.
- Purchase Chromebooks that are built for rugged school use.
- Extend learning to high school courses that would also be available in our LMS.
- Use data for immediate adjustment to student learning plans. (Galileo, MAPS, Study Island, Mind Play, Ascend Math, Smarter Balanced Assessment Consortium, teacher observation).
- Expand all units of instruction in subject areas to include problem-based learning modules that enhance critical thinking skills.

With one-to-one devices and blended learning, the vast range of learning gaps that the school faces can be closed. Our blended learning allows any student to progress through our digital curriculum at their pace. Students who excel continue their learning into high school curriculum, while struggling students are provided with prescriptive learning to help close gaps and build student efficacy & engagement. In our math-classes, every unit of instruction concludes with a problem-based project students complete. This element of problem-based learning needs to expand to other disciplines. A workshop model of instructional need, coupled with ongoing assessment of student learning through digital formative and summative student work. Adjustments to student lessons are in real-time. Students have been introduced to digital communication and collaboration tools but this needs to expand.

Data points will continue to be used to show student growth or performance. The school currently uses Measured Academic Progress, Smarter Balanced Assessment Consortium, Galileo, Study Island and Mind Plan. These are all technology enhanced programs that help educate, measure performance and develop instructional plans.

Students

For today's students to function in a global society, they must be proficient communicators, and collaborators in addition to being critical and creative thinkers. These 21st century skills are crucial for students to thrive in the digital age. NR21 students will engage in learner-centered classroom practices that challenge them to go beyond traditional classroom expectations, and to learn how to process information rather than memorize content. NR21 provides the ability for learners to be 'producers' and 'creators' rather than 'consumers' of information. *Nevada Ready 21* supports all Nevada students equitably with access to learning environments that champion students who actively engage and take ownership of their learning.

Overall Summary statement: Our top priority is the preparation of White Pine Middle School students to be fully engaged as 21st Century learners in their ultimate quest of joining the ranks of Nevada's future workforce as productive citizens.

Goal: To ensure college and career-ready students for the 21st century.

Objective: All students will engage in a learning environment that aligns with the framework for 21st century skills.

Outcome: All students will improve their critical thinking, collaboration, communication and creativity skills 20 percent as measured by semi-annual student surveys. In addition, students will increase their measurable mathematical and literacy skills by 1.25 grade levels per year as determined by the MAPS and SBAC assessments.

Description: This goal would be achieved by:

- expanding our current use of one-to-one devices at school to the use of these by all students at their homes as well. As our system stands now, the equity gap between the socioeconomic groups widens as a significant portion of our students do not have technology use at home be it their own device or connection issues.
- To help address this issue, the school would propose extended school hours, Mi-fi check-outs for students who do not have home internet will be explored along with Chamber of Commerce collaboration of public places where kids can gain access.
- Transform our paper planners to digital planners as the more organized our students become, the better they can remember.
- Ensure students understand how to transform information in to knowledge so they can demonstrate they have learned. Technology provides access to information and teachers guide students in transforming information into knowledge.
- Implementing a comprehensive remediation program for identified students who lack basic skills.
- Implement digital literacy lessons through advisories.

- Provide every student with a path to college or a career of their choice, utilizing virtual tours, career exploration and other experiential opportunities utilizing the technology in their hands.
- Track student choices from Grades 8-14 through follow-up surveys to determine the impact of the transformed learning model on their lives beyond middle school.
- Track student engagement through work completion, leader boards and student digital discussion forums and advisory student-parent surveys.

WPMS students currently utilize the learning management system ObaWorld to access their digital teacher-developed lessons. From that point, they use many online learning systems including Study Island, Khan Academy, LearnZillion, and Galileo. Through focus groups students prefer learning at their own pace and having workshops that meet their needs when they need direct instruction. However, taking this element to a fully integrated model will need additional support. Current MAPS data shows an overall growth of student achievement in our first full year of attempting personalized learning. The students through Nevada Ready 21 will be able to further their studies as students in a shrinking world collaborating with local, state, national and international students.

Goal: To prepare WPMS students to be responsible self-directed learners of both the content and 21st Century skills necessary to thrive as productive learners and workers throughout their lives.

Objective: All students in coordination with their advisor and parents will develop and follow a college and career driven Individualized Learning Plan that will guide their learning.

Outcome: 100% of the students, working with their “advisory team”, will develop and continuously work to see that they master the State’s, the school’s, and the student’s curriculum content including 21st Century skills.

Description: This goal will be accomplished by:

- Expanding the use of a Learning Management System to all subject areas.
- Acquiring a more robust Learning Management System (Canvas) through this grant participation.
- Extend student collaboration and communication to a global student center.
- Develop digital leaderboards so students track their progress in real-time.
- Expand NC-Lab and Robotics classes to include at least 15% of the student body.

Teachers

Teachers intuitively know that every student learns differently, through different methods, with different hooks and at different paces. Sometimes it takes a different explanation, help from a peer, a digital representation, or simply more time. The challenge for teachers, regardless of the zip code is the vast differences in how students learn and their achievement gaps. Standardized learning doesn’t work for a 21st century learner and it is questionable if it ever worked. However, teachers are placed in a model of standardization and asked to meet the personalized

needs of children. It is a choice whether to continue with a standardized, outdated model or to customize and personalize learning for students. White Pine Middle School teachers have chosen the latter over the past 2.5 years. However, the challenge is still: "How do I do this?" To aid teachers in the how, deliberate, sustained professional development personalized to the teacher's learning needs is required. Through NR 21 21, WPMS would identify a cadre of teachers for a train-the trainer model supported and sustained by a virtual coach acquired through colleges of education from the southwest. The cadre of teachers would be responsible, through their Professional Learning Teams to engage in professional development that prepares them for the vision of tomorrow, today. Meaningful and lasting change can occur through effective professional development that strengthens every teacher. Technological Pedagogical Content Knowledge (TPACK), SAMR, ISTE Standards, and extended work on Growth Mindsets are key tools that can be used to support teacher professional development that will lead to steady growth on the Concerns-Based Adoption Model (CBAM) model for change management.

Goal: To create and utilize a blended learning model with technology to individualize learning for students.

Objective: All teachers will guarantee a learning environment environment that aligns with the framework for NR 21 skills.

Outcome: The learning environment in every classroom is aligned with the NR 21 plan as measured by external partners pre-post assessment of the learning environment and resources provided for students.

Description: This goal will be achieved

- Release control over student choices in a measured manner so the student choice and voice learning environment becomes evidences by positive student choices as seen in their achievement results.
- through additional digital learning sites beyond LearnZillion, and Khan Academy for co-teaching as identified through deliberate professional development.
- Network on a global scale with other teachers as evidenced through shared lessons.
- Extend professional development on Learning Management Systems and digital assessment tools so every teacher is proficient in the use of the digital tools that are the foundation of a blended student learning environment.
- Recommend performance for pay to include a technology proficiency component for teachers in the district plan.
- Ensuring all classes have a comprehensive digital pacing guide that all students can easily access and follow.
- Staff full participation in NR 21 Professional Development Opportunities.
- The school will utilize a Train-the Trainer Model within current staff to ensure professional development that supports this goal occurs within our transformed Professional Learning Community Model (PLC-21).
- Pre-evaluation of our learning environment in the spring of 2016 to the NR 21 plan and post-evaluation of our learning environment in the spring of 2017 to assess the change.

Teachers will be given the latitude to wildly succeed through fast failures and adjustments. In order to ensure that our teachers maintain resiliency, WPMS will utilize the Concerns-Based Adoption Model (CBAM) with specific emphasis on the Stages of Concern so teacher concerns are monitored as they progress through this radical change from standardized education. “If people are involved in meaningful work, and if they feel capable, and if they are helped to make even small progress, they become more motivated and ready for the next challenges. Effective organizations foster conditions for these positive progress loops to prevail” – Fullan WPMS will monitor the conditions for change that teachers are being challenged to embrace using the CBAM model.

Goal: To help teachers creatively integrate technology so students experience a learning environment that equips them with 21st century skills, attitudes, and knowledge..

Objective: All teachers will develop a learning environment that provides students with a path to mastery of course content in an innovative 21st century learning environment that encourages risk.

Outcome: WPMS will have a learning environment in every classroom facilitated by effective teachers who understand change, 21st century attitudes, and can meet students in the moment of need as measured by the CBAM diagnostic and Stages of Concern questionnaire.

Description: This goal will be achieved by:

- Use of the CBAM model and diagnostics to ensure teacher concerns are continually expressed and addressed as the 21st century learning environment is created for our students.
- Ensuring that there are weekly celebrations of teacher progress in staff sessions, on social media, shared with Canvas partners, and in the news.
- Expand student recognition assemblies to include teachers who have taken specific risks on behalf of students.

The end-result that is being sought in all educational initiatives is effective teachers for every student who ensure that students have the skills they need, for their future. Our students need NR21 able teachers and that will be enhanced with NR 21 professional development that meets teachers where their knowledge and need gap exists. When the gap is filled by meeting teacher needs, in NR 21 learning environments, meaningful and lasting change will occur. There are several goals identified to support continued professional development.

Goal: Effective teachers who engage all students in a NR 21 learning environment.

Objective: All teachers will participate in professional learning that ensure growth in the SAMR model from technology substitution and augmentation to redefinition of learning available because of technology. The teachers will work under the framework of professional development for NR21.

Outcome: Teachers will be TPACK savvy and able to apply the SAMR model to the instructional design of each student.

Description: To achieve this goal the following elements will be necessary:

- Curriculum and instruction methodology and structure aligned to the Technological Pedagogical Content Knowledge (TPACK) model.
- Evaluation of digital lessons using SAMR.
- Assessment of the learning environment to ensure that it is appropriate for NR 21 learning environments.
- Participation in ongoing NR 21 PD through a diffusion model.
- Utilize TPACK, SAMR, ISTE standards and other developed tools to bring about meaningful change for all students in all classes.
- A virtual coach will work with teachers based on the elements of each teacher's personalized learning plan thus ensuring differentiation of PD based on teacher need.
- The Professional Learning Community traditional model is transformed to better meet the professional development needs of staff in a NR 21 learning environment.
- Each teacher will develop a professional learning plan personalized to their specific knowledge and need gap in the spring of 2016 for the 2016-17 school year. Monthly coaching sessions will be incorporated with each teacher.
- Teach teachers how to be classroom coaches so they promote creativity, independence and innovation while empowering students to own their learning.
- Invite all teachers to read Power Up by Neebe & Roberts over the summer of 2016.

Leadership – The Principal

WPMS has steady, innovative, and empowering school leadership as evidenced by the decision-making vested in all professional learning communities, student voice and choice and teacher professional experiences. The current principal has been responsible for a total curriculum overhaul, an alignment of assessment, migration of traditional PLC model to daily professional learning community work time, curriculum and instruction at the middle school as well as elementary schools. We have piloted the use of Chromebooks in a blended learning model that is building self-regulation skills in our students and teachers. Students and teachers are beginning to move beyond the teacher-centered model of instruction to a student-focused and driven model of learning in a risk friendly environment.

To ensure the continued growth of our school in becoming a NR 21 learning environment, the principal will participate in monthly professional development. Our principal has recently completed Nevada's Public Education Foundation's Executive Leadership program where multiple sessions have included changing to 21st century student outcomes. As a result, our school has students working independently, setting their pace, path and place of learning, the use of a LMS with the University of Oregon, immediacy of feedback strategies, continuous progress and more. The school is prepared to migrate to Canvas should it be selected as a grant recipient.

Goal: WPMS will diffuse leadership amongst teachers and administration so there is a continuum of learning portals for all students.

Objective: WPMS will be a learning organization that demonstrates the ability to adapt, to the ever-changing needs of its students.

Outcome: The responsibility for learning will rest primarily with the learner, whether it is the student or the teacher. With shared leadership, the understanding of responsibility will be supported, by the majority of stakeholders, students and staff. As a result, all students and teachers will demonstrate mastery learning in C21 skills that ensure beyond blended learning continues to meet student need and evolve in this ever-shifting world we call home.

Description: In order to meet this goal the following will be done:

- Learning team leaders who build SMART goals for each of the NR 21 learning environment pillars identified by the leadership team during the Spring of 2016.
- Communication and collaboration of a vision and mission that a unified staff supports
- Incorporate real-time feedback for staff using varied technology tools.
- Confirm teacher strengths and ensure they are placed in positions that leverage their strengths as evidenced by spring 2016 staff meeting minutes.
- Shared access to instructional plans by all staff as evidenced by the LMS structure.
- Shared decision-making strategies employed in all critical decisions as evidenced by minutes.

District Coaches

White Pine County School District will utilize a virtual coach through partnerships with Southwest Colleges of Education and the district's classroom video system. Northeastern Nevada Regional Professional Development Program (NNRPDP) will be used to support these efforts, on a requested need basis. The coach will support professional development at the district's two middle schools located 30 miles apart.

Goal: Use a virtual coach to support teacher growth and development

Objective: Create partnerships with area colleges of education to find college students who can be virtual coaches for our teachers.

Outcome: Virtual coaching will ensure teacher growth and development in the NR 21 learning and teaching environment.

Description: This goal will be met by:

- Outreach to area universities for identification of potential virtual coaches Spring 2016.
- Providing access to Audio Enhancement video to virtual coaches .
- Establish a coaching schedule for each teacher based on their professional learning goal.
- Small group coach when learning goals are the same.
- Access the support services of NNRPDP.

Parents/Caregivers and Other Stakeholders

Parents and caregivers play a critical role in student success and school change. Technology programs are sometimes challenged by a disconnect between educators and parents that leads to misperception about the role of technology in school and at home. NR21 schools will mitigate this disconnect by holding meetings and classes with parents to ensure they are informed partners of NR21.

Parents, caregivers, and other community stakeholders play a critical role in student success and school change. Technology programs are sometimes challenged by a disconnect between educators and parents that leads to misperception about the role of technology in school and at home. White Pine Middle School will mitigate this disconnect by holding meetings, classes, and utilizing digital communication with parents to ensure they are informed partners of NR21.

Goal: To educate and adequately inform all stakeholders of the technology programs that ensure students are college and career ready for the 21st century

Objective: All parents/caregivers will participate in at least one workshop so students and parents/caregivers can utilize technology systems in their homes or community due to 24 hour access

Outcome: Parents/Caregivers/Stakeholders/students will have 24 hour access to technology systems and be able to use them effectively and efficiently to stay connected with all of the technology resources available to students to enhance their 21st century skills.

Description: This goal will be achieved by implementing the following:

- Parent/Caregiver/Student workshops (3 times a year) on the following topics:
 - blended learning
 - 21st century skills
 - management systems (Canvas, Galileo, Study Island, etc.)
 - Responsible technology use-blogs, tweets or YouTube videos created by leadership or student council students
- PTO and SPLIT will partner to promote parent night to display how students are utilizing 21st century skills into their learning and host a 21st Century Showcase-technology where all stakeholders are involved (teachers, students, parents, board members, community members, etc.).
- Student produced monthly digital newsletter for stakeholders.
- Snapchat story/history of the school produced by students to capture the transforming culture and learning environment through the eyes of the students and staff along with other social media tools that students might embrace for digital communication.

Tech Support

White Pine Middle School recognizes the significant need for technology support in a robust device model. Experience has taught that devices malfunction and break at about a seven percent rate with students carrying and using the devices daily. It is anticipated that the percent may rise with a take-home model. The school plans to have three tools ready to make the 24/7 device model function. It will include a student geek squad under the direction of the district

technology coordinator, a two-percent overage to replace devices that need to be repaired and an insurance policy on devices to cover cost of replacement due to negligence.

Goal: To ensure an adequate response plan is in place at White Pine Middle School.

Objective: In the event of damage or failure of a device, the school response plan will ensure that no student or teacher is without a functioning device for more than one school day.

Outcome: Tech support will respond to requests for repair in 24 hours or less.

Description: The goal will be achieved through the plan outlined below.

Device Response Plan

- a. Advisors will check devices weekly in their morning session. Advisors will report any damages to administration through email.
- b. Damage or failure that occurs during the course of the school day will be reported immediately by student to classroom teacher.
- c. Classroom teacher notifies administration of damage or failure same day.
 - Teacher report must include student name, problem description, and room location
- d. Geek Squad will review device for possible solution, if none, district IT will get involved
- e. Device and district IT diagnostic review will be shipped to service center for repairs off site.
- f. Student will continue to use loaner device while their assigned device is out for repair.
- g. Upon receipt of repaired device, the loaner will be returned by student and their device will go back into service.

**** Response plan contingent on a 2% overage of devices available as loaners while devices are out to the service center for repair.**

Goal: To provide a repair/replacement plan for devices that are lost or broken inside and outside the warranty period for the device.

Objective: In the event of lost or broken devices due to the negligent or intentional act of the school, a teacher, or a student, the responsibility for repair costs will be born by the school, the teacher, the student or the parent.

Outcome: A user agreement will be signed by teachers, students and parents detailing the responsibility born, by the user, if a device is lost or broken due to negligence or intentional misuse. A user fee will be charged equal to the cost of insuring the device against damage and loss.

Description: The goal will be achieved through the plan outlined below.

User Agreement/User Fee

- a. All users will be required to sign a user agreement detailing appropriate use of devices and an assumption of responsibility for repairs to devices caused by negligence or intentional acts. The agreement will include the district's acceptable use policy.
 - Users will not be assigned a device without this agreement being signed. For students, the agreement must be signed by both the student and his/her parent.
- b. All users will be required to submit a technology fee to White Pine Middle School. This fee will be equal to the cost of insurance coverage on the device for repairs needed both inside and outside the warranty period for the device.
 - Users with financial hardship will be required to create a payment plan with the school that ensures that the user fee is paid within three months of the start day of school.
 - User fees will be useby the district to purchase insurance on the devices.
- c. Any lost or damaged devices will be reported to school administration on the same day the loss or damage is discovered.
- d. School administration will secure the damaged device.
- e. School administration will conduct an investigation to determine the cause of damage to the device.
 - Damage or loss resulting from defects, normal usage, theft and accidents will be assumed by NR21 Grant warranty coverage on Chromebooks.
 - Damage or loss resulting from negligence or intentional acts will be the responsibility of the school, teacher or student. Such damage or loss will be reported to the insurance carrier for repair costs.

Connectivity

The district completed an upgrade of the wireless network and Internet connectivity the fall of 2015. As a result, district capacity to successfully implement a NR 21 learning environment is met as evidence by the following data.

The oversubscription rate is 2.0 to 1 as calculate using the Oversubscription rate calculator provided by NDE.

The Internet bandwidth at the school gateway in kbps per student is:
 $100 \text{ Mbps} / 245 \text{ Students} = .408 \text{ Mbps} = 408 \text{ kbps}$

All schools are served from a central distribution point. There is no other bottleneck between the Middle School and the District Gateway.

$$\text{Ratio of available internet bandwidth} = 100 \text{ Mbps} / 600 \text{ Mbps} = .167$$

District Gateway Internet Bandwidth = 100 Mbps (Central distribution point)
Site Middle School Internet Bandwidth = 100 Mbps
Site DEN School Internet Bandwidth = 100 Mbps
Site McGill School Internet Bandwidth = 100 Mbps (WAN upgrade in progress)
Site LUND School Internet Bandwidth = 100 Mbps (WAN upgrade in progress)

Site Steptoe School Internet Bandwidth = 100 Mbps
Site District Office Internet Bandwidth = 100 Mbps

District Gateway Network Bandwidth capacity at the Internet connection = Up to 1 Gbps (currently 100 Mbps from ISP).

District Gateway (Hub) Network Bandwidth capacity to Site Gateways = 1 Gbps (hub and spoke).

Site gateway 1 + site gateway 2 + site gateway n ...

District Gateway WAN capacity = 1 Gbps (Central distribution point)

Site Middle School WAN capacity = 1 Gbps

Site DEN School WAN capacity = 1 Gbps

Site McGill School WAN capacity = 1 Gbps (WAN upgrade in progress)

Site LUND School WAN capacity = 1 Gbps (WAN upgrade in progress)

Site Steptoe WAN capacity = 100 Mbps

Site District Office WAN capacity = 1 Gbps

The maximum throughput of the content filtering system at this site is:

The Middle School is currently served through the District Gateway. District Gateway Firewall/Filter capacity is 1.7 Gbps with full UTM (Unified Threat Management).

There is a firewall at the Middle School - Firewall/Filter capacity is 298 Mbps with full UTM (currently it is connected to a low speed DSL and not utilized by students).

If additional upgrades are necessary, the district is willing to ensure its students have the access to be exceptional 21st century learners using the digital tools that will drive their future.

The district plan includes having 1Gbps available internet at the District Gateway within the next two years. No internal infrastructure upgrades are planned in that period since recent upgrades have just been completed and/or already in progress that bring the available bandwidth on the district and site gateway links to 1 Gbps.

Summary

Our school district began the process of piloting Chromebooks three years ago with Samsung chromebooks. The Chromebooks are at the end of their useful life and failing. The district pilot was completed with the ingenuity of the administration and staff. Participation in this grant will allow the school district to build upon lessons learned, extend the learning to Lund Middle School and provide rural and remote Nevada students with the chance to be college and career ready in the NR 21 visional learning environment.

The requisite teacher survey participation was 19 total staff. Between WPMS and Lund Middle School, there is: a total of 23 staff members supporting middle schools. This is a response rate of: 82.6%.

BUDGET EXPENDITURE SUMMARY

SCHOOL DISTRICT White Pine County PROJECT NUMBER _____

SCHOOL / GRANT NAME: NR21 WPMS/ LUND MS FISCAL YEAR 2016-2017

CHECK ONE: BUDGET X AMENDMENT _____ FINAL REPORT _____

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries		0.00	0.00
200	Benefits		0.00	
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00	2,026.00	
	500 Other	0.00	0.00	
	Total 500	0.00	2,026.00	2,026.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software	9,927.00	0.00	
	652 Information Tech Items of Value *	158,598.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	Total 600	168,525.00	0.00	168,525.00
800	810 Dues and Fees	0.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	Total 800	0.00	0.00	0.00
Subtotal 100 - 600 & 800		168,525.00	2,026.00	170,551.00
** Approved Indirect Cost Rate : 5.56%				9,482.64
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	Total 700	0.00	0.00	0.00
TOTAL				180,033.64

Signature: _____

Signature of Authorized Representative

2/5/2016

Date

* All Items of Value must be itemized on the Budget Detail.

** Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial _____

Date Approved _____

BUDGET EXPENDITURE SUMMARY

SCHOOL DISTRICT White Pine County PROJECT NUMBER _____

SCHOOL / GRANT NAME: NR21 Middle Schools FISCAL YEAR 2016

CHECK ONE: BUDGET X AMENDMENT _____ FINAL REPORT _____

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries		0.00	
200	Benefits	0.00	0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00	2,026.00	
	500 Other	0.00	0.00	
	Total 500	0.00	2,026.00	2,026.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software (Canvas)		0.00	
	652 Information Tech Items of Value *	59,808.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	Total 600	59,808.00	0.00	59,808.00
800	810 Dues and Fees	0.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	Total 800	0.00	0.00	0.00
Subtotal 100 - 600 & 800		59,808.00	2,026.00	61,834.00
** Approved Indirect Cost Rate : 5.56%				3,437.97
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	Total 700	0.00	0.00	0.00
TOTAL				65,271.97

Signature: _____

Signature of Authorized Representative

2/5/2016

Date

* All Items of Value must be itemized on the Budget Detail.

** Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial _____

Date Approved _____

INSTRUCTION

Grant: WPCSD- NR21 Middle SchoolsProject No: _____
Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
100	PERSONNEL: Certified Teachers, Traditional Certified Teachers, Yr Round Substitutes Classified Assistants Aides Extra Duty Stipends: one-time Training Stipends Certified Instructor Stipends Certified Hourly Pay					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
200	BENEFITS: Group Insurance Life Insurance: Cert / Class Life Insurance: Admin / Pro Long Term Disab: Admin / Pro FICA PERS Medicare Workers Compensation Other Post Emp Benefits Post Employment Benefits	45%				
	NARRATIVE:					
				TOTAL	\$ -	\$ -
300	PURCHASED PROF. SERVICES:					
320	Educational Consultants					
330	Employee Training & Develop					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
400	PURCHASED PROP. SERVICES:					
Other	Insert Object & Description					

INSTRUCTION

Grant: WPCSD- NR21 Middle Schools

Project No: _____
Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
	NARRATIVE:					
				TOTAL	\$ -	\$ -
500	OTHER PURCHASED SERVICES:					
510	Student Transportation					\$ -
519	Student Travel & Related					\$ -
580	Travel					\$ -
580	Mileage					\$ -
531	Postage					\$ -
534	Cell Phone					\$ -
550	Printing					\$ -
560	Student Tuition					\$ -
500 Other	Insert Object & Description					\$ -
500 Other	Insert Object & Description					\$ -
	NARRATIVE:					
				TOTAL	\$ -	
600	SUPPLIES:					
610	General Supplies					\$ -

INSTRUCTION

Grant: WPCSD- NR21 Middle Schools

Project No: _____

Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
612	Non Info Tech Inventory Items					\$ -
620	Energy					\$ -
630	Food, Nutrition Program Only					\$ -
640	Professional Books (Ex 641)					\$ -
640	Magazines/Periodicals(Ex 641)					\$ -
640	Library Books (Ex 641)					\$ -
641	Textbooks					\$ -
650	Info Tech Supplies					\$ -
651	Instructional Software Canvas					\$ -
651	Administrative Software					\$ -
652	Computers 37.5% of the budgeted amount for Chromebooks		112	\$ 534.00	\$ 59,808.00	\$ 59,808.00
652	Info Tech Inventory Items					\$ -
653	Web Based & Similar					\$ -
NARRATIVE:						

INSTRUCTION

 Grant: WPCSD- NR21 Middle Schools

Project No: _____

 Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
	As directed, 37.5% of the budget is allocated in FY 16 for the purchase of devices. Canvas is not scheduled to be operational until July 1 so the full amount is scheduled in FY 2017. This would include all staff identified by the staff and an initial load of student computers as they will all need to be set-up for our unique network and systems structure.					
				TOTAL	\$ 59,808.00	
800	OTHER OBJECTS:					
810	Dues & Fees					\$ -
890	Miscellaneous					\$ -
800 Other	Insert Object & Description					\$ -
	NARRATIVE:					
				TOTAL	\$ -	
Subtotal Objects 100 - 600 & 800					\$ 59,808.00	
Approved Indirect Cost Rate: 5.56% x Subtotal Above					\$ 3,325.32	
700	EQUIPMENT:					
730	Capital Equipment > \$5,000					
730	Capital Computer > \$5,000					\$ -
700 Other	Other > \$5,000					\$ -
	NARRATIVE:					
				TOTAL	\$ -	
GRANT TOTAL					\$ 63,133.32	

SUPPORT SERVICES

Grant: NR 21 Middle Schools

Project No: _____

Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
100	PERSONNEL: Certified Teachers, Traditional Certified Teachers, Yr Round Substitutes Classified Assistants Aides Extra Duty Stipends: one-time Training Stipends Certified Instructor Stipends Certified Hourly Pay					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
200	BENEFITS: Group Insurance Life Insurance: Cert / Class Life Insurance: Admin / Pro Long Term Disab: Admin / Pro FICA PERS Medicare Workers Compensation Other Post Emp Benefits Post Employment Benefits					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
300	PURCHASED PROF. SERVICES:					
320	Educational Consultants					
330	Employee Training & Develop					
	NARRATIVE:					
				TOTAL	\$ -	\$ -

SUPPORT SERVICES

Grant: NR 21 Middle Schools

Project No: _____
Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
400	PURCHASED PROP. SERVICES:					
Other	Insert Object & Description					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
500	OTHER PURCHASED SERVICES:					
510	Student Transportation					\$ -
519	Student Travel & Related					\$ -
580	Travel		1	\$ 2,026.00	\$ 2,026.00	\$ 2,026.00
580	Mileage					\$ -
531	Postage					\$ -
534	Cell Phone					\$ -
550	Printing					\$ -
560	Student Tuition					\$ -
500 Other	Insert Object & Description					\$ -
500 Other	Insert Object & Description					\$ -
	NARRATIVE:					
	Staff travel for FY 16 includes the Mandatory requirements of the grant for May and June. Personel from both middle school and administration will attend the requisite meetings. Las Vegas is cloer than Reno for the June date and due to					

SUPPORT SERVICES

Grant: NR 21 Middle Schools

Project No:
 Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
	Elko - \$322 for 7 staffper diem district provides vehicle					
	Las Vegas for 7 staff - \$96 lodging \$117 per diem = \$213 per person - \$1495					
	Las Vegas for the Coach - \$213					
				TOTAL	\$ 2,026.00	
600	SUPPLIES:					
610	General Supplies					\$ -
612	Non Info Tech Inventory Items					\$ -
620	Energy					\$ -
630	Food, Nutrition Program Only					\$ -
640	Professional Books (Ex 641)					\$ -
640	Magazines/Periodicals(Ex 641)					\$ -
640	Library Books (Ex 641)					\$ -
641	Textbooks					\$ -
650	Info Tech Supplies					\$ -
651	Instructional Software					\$ -
651	Administrative Software					\$ -
652	Computers					\$ -

SUPPORT SERVICES

Grant: NR 21 Middle Schools

Project No: _____

Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
652	Info Tech Inventory Items					\$ -
653	Web Based & Similar					\$ -
	NARRATIVE:					\$ -
				TOTAL	\$ -	
800	OTHER OBJECTS:					
810	Dues & Fees					\$ -
890	Miscellaneous					\$ -
800 Other	Insert Object & Description					\$ -
	NARRATIVE:					
				TOTAL	\$ -	
Subtotal Objects 100 - 600 & 800					\$ 2,026.00	
Approved Indirect Cost Rate: <u>5.56%</u> x Subtotal Above					\$ 112.65	
700	EQUIPMENT:					
730	Capital Equipment > \$5,000					
730	Capital Computer > \$5,000					\$ -
700 Other	Other > \$5,000					\$ -
	NARRATIVE:					
				TOTAL	\$ -	
GRANT TOTAL					\$ 2,138.65	

SCHOOL DISTRICT WPCSD PROJECT NUMBER _____SCHOOL / GRANT NAME: White Pine Middle School FISCAL YEAR 2016CHECK ONE: BUDGET X AMENDMENT _____ FINAL REPORT _____

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries		0.00	
200	Benefits	0.00	0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00	1,508.00	
	500 Other	0.00	0.00	
	Total 500	0.00	1,508.00	1,508.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software (Canvas)		0.00	
	652 Information Tech Items of Value *	57,138.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	Total 600	57,138.00	0.00	57,138.00
800	810 Dues and Fees	0.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	Total 800	0.00	0.00	0.00
Subtotal 100 - 600 & 800		57,138.00	1,508.00	58,646.00
** Approved Indirect Cost Rate : 5.56%				3,260.72
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	Total 700	0.00	0.00	0.00
TOTAL				61,906.72

Signature: _____

Signature of Authorized Representative

Date

2/5/2016

* All Items of Value must be itemized on the Budget Detail.

** Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial _____

Date Approved _____

Grant: WPCSD- NR21 WPMSProject No: _____
Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
100	PERSONNEL:					
	Certified Teachers, Traditional Certified Teachers, Yr Round Substitutes Classified Assistants Aides Extra Duty Stipends: one-time Training Stipends Certified Instructor Stipends Certified Hourly Pay					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
200	BENEFITS:					
	Group Insurance Life Insurance: Cert / Class Life Insurance: Admin / Pro Long Term Disab: Admin / Pro FICA PERS Medicare Workers Compensation Other Post Emp Benefits Post Employment Benefits					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
300	PURCHASED PROF. SERVICES:					
320	Educational Consultants					
330	Employee Training & Develop					
	NARRATIVE:					
				TOTAL	\$ -	\$ -

400	PURCHASED PROP. SERVICES:					
Other	Insert Object & Description					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
500	OTHER PURCHASED SERVICES:					
510	Student Transportation					\$ -
519	Student Travel & Related					\$ -
580	Travel				\$ 1,508.00	\$ 1,508.00
580	Mileage					\$ -
531	Postage					\$ -
534	Cell Phone					\$ -
550	Printing					\$ -
560	Student Tuition					\$ -
500 Other	Insert Object & Description					\$ -
500 Other	Insert Object & Description					\$ -
				NARRATIVE:		
				Staff travel for FY 16 includes the Mandatory requirements of the grant for May Elko - \$230 for 5 staff @ \$46 per diem district provides vehicle Las Vegas for 5 staff - \$96 lodging \$117 per diem = \$213 per person - \$1065 Las Vegas for the Coach - \$213		
				TOTAL	\$ 1,508.00	
600	SUPPLIES:					
610	General Supplies					

						\$	-
612	Non Info Tech Inventory Items						
						\$	-
620	Energy						
						\$	-
630	Food, Nutrition Program Only						
						\$	-
640	Professional Books (Ex 641)						
						\$	-
640	Magazines/Periodicals(Ex 641)						
						\$	-
640	Library Books (Ex 641)						
						\$	-
641	Textbooks						
						\$	-
650	Info Tech Supplies						
						\$	-
651	Instructional Software Canvas						
						\$	-
651	Administrative Software						
						\$	-
652	Computers 37.5% of the budgeted amount for Chromebooks		107	\$	534.00	\$	57,138.00
						\$	57,138.00
652	Info Tech Inventory Items						
						\$	-
653	Web Based & Similar						
						\$	-
NARRATIVE:							

	As directed, 37.5% of the budget is allocated in FY 16 for the purchase of devices. Canvas is not scheduled to be operational until July 1 so the full amount is scheduled in FY 2017. This would include all staff identified by the staff and an initial load of student computers as they will all need to be set-up for our unique network and systems structure.				
	TOTAL				\$ 57,138.00
800	OTHER OBJECTS:				
810	Dues & Fees				\$ -
890	Miscellaneous				\$ -
800 Other	Insert Object & Description				\$ -
	NARRATIVE:				
	TOTAL				\$ -
Subtotal Objects 100 - 600 & 800					\$ 58,646.00
Approved Indirect Cost Rate: 5.56% x Subtotal Above					\$ 3,260.72
700	EQUIPMENT:				
730	Capital Equipment > \$5,000				
730	Capital Computer > \$5,000				\$ -
700 Other	Other > \$5,000				\$ -
	NARRATIVE:				
	TOTAL				\$ -
GRANT TOTAL					\$ 61,906.72

SCHOOL DISTRICT WPCSD PROJECT NUMBER _____

SCHOOL / GRANT NAME: Lund Middle School FISCAL YEAR 2016

CHECK ONE: BUDGET X AMENDMENT _____ FINAL REPORT _____

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries		0.00	0.00
200	Benefits		0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00	518.00	
	500 Other	0.00	0.00	
	Total 500	0.00	518.00	518.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software (Canvas)		0.00	
	652 Information Tech Items of Value *	2,670.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	Total 600	2,670.00	0.00	2,670.00
800	810 Dues and Fees	0.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	Total 800	0.00	0.00	0.00
Subtotal 100 - 600 & 800		2,670.00	518.00	3,188.00
** Approved Indirect Cost Rate : 5.56%				177.25
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	Total 700	0.00	0.00	0.00
TOTAL				3,365.25

Signature: 
Signature of Authorized Representative

Date 2/5/2016

* All Items of Value must be itemized on the Budget Detail.

** Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY	
Initial _____	Date Approved _____

Grant: WPCSD- NR21- LUNDProject No: _____
Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
100	PERSONNEL: Certified Teachers, Traditional Certified Teachers, Yr Round Substitutes Classified Assistants Aides Extra Duty Stipends: one-time Training Stipends Certified Instructor Stipends Certified Hourly Pay					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
200	BENEFITS: Group Insurance Life Insurance: Cert / Class Life Insurance: Admin / Pro Long Term Disab: Admin / Pro FICA PERS Medicare Workers Compensation Other Post Emp Benefits Post Employment Benefits				\$ -	
	NARRATIVE:					
				TOTAL	\$ -	\$ -
300	PURCHASED PROF. SERVICES:					
320	Educational Consultants					
330	Employee Training & Develop					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
400	PURCHASED PROP. SERVICES:					
Other	Insert Object & Description					

	NARRATIVE:					
				TOTAL	\$ -	\$ -
500	OTHER PURCHASED SERVICES:					
510	Student Transportation					\$ -
519	Student Travel & Related					\$ -
580	Travel				\$ 518.00	\$ -
						\$ 518.00
580	Mileage					\$ -
531	Postage					\$ -
534	Cell Phone					\$ -
550	Printing					\$ -
560	Student Tuition					\$ -
500 Other	Insert Object & Description					\$ -
500 Other	Insert Object & Description					\$ -
	NARRATIVE:					
	Staff travel for FY 16 includes the Mandatory requirements of the grant for May Elko - \$92 for 2 staff @ \$46 per diem district provides vehicle Las Vegas for 2 staff - \$96 lodging \$\$117 per diem = \$213 per person - \$426					
				TOTAL	\$ 518.00	
600	SUPPLIES:					
610	General Supplies					\$ -
612	Non Info Tech Inventory Items					

						\$	-
620	Energy					\$	-
630	Food, Nutrition Program Only					\$	-
640	Professional Books (Ex 641)					\$	-
640	Magazines/Periodicals(Ex 641)					\$	-
640	Library Books (Ex 641)					\$	-
641	Textbooks					\$	-
650	Info Tech Supplies					\$	-
651	Instructional Software Canvas					\$	-
651 d	Administrative Software					\$	-
652	Computers 37.5% of the budgeted amount for Chromebooks	5	\$	534.00	\$	2,670.00	
						\$	2,670.00
652	Info Tech Inventory Items					\$	-
653	Web Based & Similar					\$	-
NARRATIVE: As directed, 37.5% of the budget is allocated in FY 16 for the purchase of devices. The purchase allows for the staff computers and the arrival of 3 student							
					TOTAL	\$	2,670.00
800	OTHER OBJECTS:						
810	Dues & Fees						

890	Miscellaneous					\$	-
800 Other	Insert Object & Description					\$	-
						\$	-
NARRATIVE:							
					TOTAL	\$	-
Subtotal Objects 100 - 600 & 800						\$	3,188.00
Approved Indirect Cost Rate: 5.56% x Subtotal Above						\$	177.25
700	EQUIPMENT:						
730	Capital Equipment > \$5,000						
730	Capital Computer > \$5,000					\$	-
700 Other	Other > \$5,000					\$	-
NARRATIVE:							
					TOTAL	\$	-
GRANT TOTAL						\$	3,365.25

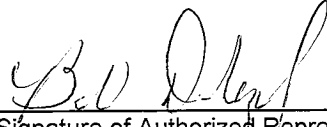
BUDGET EXPENDITURE SUMMARY

SCHOOL DISTRICT White Pine County SD PROJECT NUMBER _____

SCHOOL / GRANT NAME: NR 21 Middle Schools FISCAL YEAR 2017

CHECK ONE: BUDGET X AMENDMENT _____ FINAL REPORT _____

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries (Coach - \$50,000, Substitutes \$1500)		0.00	
200	Benefits (.45% of Salaries)		0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel		0.00	
	500 Other	0.00	0.00	
	Total 500	0.00	0.00	0.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software (Canvas)	9,927.00	0.00	
	652 Information Tech Items of Value *((296*4	98,790.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	Total 600	108,717.00	0.00	108,717.00
800	810 Dues and Fees	0.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	Total 800	0.00	0.00	0.00
Subtotal 100 - 600 & 800		108,717.00	0.00	108,717.00
** Approved Indirect Cost Rate : 5.56%				6,044.67
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	Total 700	0.00	0.00	0.00
TOTAL				114,761.67

Signature: 
Signature of Authorized Representative

Date 2/5/2016

* All Items of Value must be itemized on the Budget Detail.

** Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial _____

Date Approved _____

INSTRUCTION

Grant: WPCSD - NR 21 Middle Schools

Project No: _____

Fiscal Year: _____

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
100	PERSONNEL: Certified Teachers, Traditional Certified Teachers, Yr Round Substitutes Classified Assistants Aides Extra Duty Stipends: one-time Training Stipends Certified Instructor Stipends Certified Hourly Pay				\$ -	
	NARRATIVE:					
				TOTAL	\$ -	\$ -
200	BENEFITS: Group Insurance Life Insurance: Cert / Class Life Insurance: Admin / Pro Long Term Disab: Admin / Pro FICA PERS Medicare Workers Compensation Other Post Emp Benefits Post Employment Benefits			\$ -	\$ -	
	NARRATIVE:					
				TOTAL	\$ -	\$ -
300	PURCHASED PROF. SERVICES:					
320	Educational Consultants					
330	Employee Training & Develop					
	NARRATIVE:					

Project No: _____
Fiscal Year: _____

Page 2 of 5

Project No: _____
Fiscal Year: _____

Page 3 of 5

INSTRUCTION

Grant: WPCSD - NR 21 Middle SchoolsProject No: _____
Fiscal Year: _____

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
650	Info Tech Supplies					\$ -
651	Instructional Software		1		\$ 9,927.00	
	Canvas					\$ 9,927.00
651	Administrative Software					\$ -
652	Computers					\$ -
652	Info Tech Inventory Items		185	\$ 534.00	\$ 98,790.00	\$ 98,790.00
653	Web Based & Similar					\$ -
NARRATIVE: The required Canvas software will be implemented as part of the grant requirements. It is anticipated that due to the size of our district, Canvas can be implemented at the district level to cover the 300 middle school students and the staff of under 30 who would utilize the tool. Rather than doubling the implementation cost per site, the district is proposing this for cost savings. The remaining student Chromebooks needed for the two middle schools would be purchased in July so they can be set-up and ready for check-out when school begins in August. The 185 gets to the total of 296 devices that are needed to meet student demand, staff need and includes 6 additional computers for the 2% overage needed to cover malfunctions and damages that have to be repaired off-site.						
TOTAL					\$ 108,717.00	
800	OTHER OBJECTS:					
810	Dues & Fees					\$ -
890	Miscellaneous					

Project No: _____
Fiscal Year: _____

Page 5 of 5

SCHOOL DISTRICT WPCSD PROJECT NUMBER _____SCHOOL / GRANT NAME: White Pine Middle School FISCAL YEAR 2017CHECK ONE: BUDGET X AMENDMENT _____ FINAL REPORT _____

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries		0.00	0.00
200	Benefits		0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00		
	500 Other	0.00	0.00	
	Total 500	0.00	0.00	0.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software (Canvas)	9,927.00	0.00	
	652 Information Tech Items of Value *	89,178.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	Total 600	99,105.00	0.00	99,105.00
800	810 Dues and Fees	0.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	Total 800	0.00	0.00	0.00
Subtotal 100 - 600 & 800		99,105.00	0.00	99,105.00
** Approved Indirect Cost Rate : 5.56%				5,510.24
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	Total 700	0.00	0.00	0.00
TOTAL				104,615.24

Signature: _____

Signature of Authorized Representative

Date

2/5/2016

* All Items of Value must be itemized on the Budget Detail.

** Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial _____

Date Approved _____

INSTRUCTION

Grant: WPCSD- NR21 WPMSProject No: _____
Fiscal Year: 9-Jul

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
100	PERSONNEL: Certified Teachers, Traditional Certified Teachers, Yr Round Substitutes Classified Assistants Aides Extra Duty Stipends: one-time Training Stipends Certified Instructor Stipends Certified Hourly Pay				\$ -	
	NARRATIVE:					
				TOTAL	\$ -	\$ -
200	BENEFITS: Group Insurance Life Insurance: Cert / Class Life Insurance: Admin / Pro Long Term Disab: Admin / Pro FICA PERS Medicare Workers Compensation Other Post Emp Benefits Post Employment Benefits	45%			\$ -	
	NARRATIVE:					
				TOTAL	\$ -	\$ -
300	PURCHASED PROF. SERVICES:					
320	Educational Consultants					
330	Employee Training & Develop					
	NARRATIVE:					

				TOTAL	\$ -	\$ -
400	PURCHASED PROP. SERVICES:					
Other	Insert Object & Description					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
500	OTHER PURCHASED SERVICES:					
510	Student Transportation					\$ -
519	Student Travel & Related					\$ -
580	Travel				\$ -	\$ -
580	Mileage					\$ -
531	Postage					\$ -
534	Cell Phone					\$ -
550	Printing					\$ -
560	Student Tuition					\$ -
500 Other	Insert Object & Description					\$ -
500 Other	Insert Object & Description					\$ -
	NARRATIVE:	The grant does not identify any staff travel that would be required in FY 2017				
				TOTAL	\$ -	
600	SUPPLIES:					
610	General Supplies					

612	Non Info Tech Inventory Items					\$ -
620	Energy					\$ -
630	Food, Nutrition Program Only					\$ -
640	Professional Books (Ex 641)					\$ -
640	Magazines/Periodicals(Ex 641)					\$ -
640	Library Books (Ex 641)					\$ -
641	Textbooks					\$ -
650	Info Tech Supplies					\$ -
651	Instructional Software					
	Canvas - District License	1	\$	9,927.00	\$	9,927.00
651	Administrative Software					\$ -
652	Computers 37.5% of the budgeted amount for Chromebooks	167	\$	534.00	\$	89,178.00
652	Info Tech Inventory Items					\$ -
653	Web Based & Similar					\$ -
NARRATIVE:						

As directed, 62.5% of the budget is allocated in FY 17 for the purchase of devices. The full cost of Canvas is included in this FY at WPMS - It is a district fee but also showing up as a cost here for budget balancing purposes.

					TOTAL	\$ 99,105.00
800	OTHER OBJECTS:					
810	Dues & Fees					\$ -
890	Miscellaneous					\$ -
800 Other	Insert Object & Description					\$ -
NARRATIVE:						
					TOTAL	\$ -
Subtotal Objects 100 - 600 & 800						\$ 99,105.00
Approved Indirect Cost Rate: 5.56% x Subtotal Above						\$ 5,510.24
700	EQUIPMENT:					
730	Capital Equipment > \$5,000					
730	Capital Computer > \$5,000					\$ -
700 Other	Other > \$5,000					\$ -
NARRATIVE:						
					TOTAL	\$ -
GRANT TOTAL						\$ 104,615.24

SCHOOL DISTRICT WPCSD PROJECT NUMBER _____SCHOOL / GRANT NAME: Lund Middle School FISCAL YEAR 2017CHECK ONE: BUDGET X AMENDMENT _____ FINAL REPORT _____

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries		0.00	0.00
200	Benefits		0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00	0.00	
	500 Other	0.00	0.00	
	Total 500		0.00	
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software (Canvas)		0.00	
	652 Information Tech Items of Value *	9,612.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	Total 600	9,612.00	0.00	9,612.00
800	810 Dues and Fees	0.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	Total 800	0.00	0.00	0.00
Subtotal 100 - 600 & 800		9,612.00	0.00	9,612.00
** Approved Indirect Cost Rate : 5.56%				534.43
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	Total 700	0.00	0.00	0.00
TOTAL				10,146.43

Signature: _____

Signature of Authorized Representative

Date

2/5/2016

* All Items of Value must be itemized on the Budget Detail.

** Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial _____

Date Approved _____

INSTRUCTION

Grant: WPCSD- NR21- LUNDProject No: _____
Fiscal Year: FY 2017

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
100	PERSONNEL:					
	Certified Teachers, Traditional Certified Teachers, Yr Round Substitutes Classified Assistants Aides Extra Duty Stipends: one-time Training Stipends Certified Instructor Stipends Certified Hourly Pay					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
200	BENEFITS:				\$ -	
	Group Insurance Life Insurance: Cert / Class Life Insurance: Admin / Pro Long Term Disab: Admin / Pro FICA PERS Medicare Workers Compensation Other Post Emp Benefits Post Employment Benefits					
	NARRATIVE:					
				TOTAL	\$ -	\$ -
300	PURCHASED PROF. SERVICES:					
320	Educational Consultants					
330	Employee Training & Develop					
	NARRATIVE:					
				TOTAL	\$ -	\$ -

400	PURCHASED PROP. SERVICES:					
Other	Insert Object & Description					
	NARRATIVE:					
					TOTAL	\$ -
500	OTHER PURCHASED SERVICES:					
510	Student Transportation					\$ -
519	Student Travel & Related					\$ -
580	Travel					
580	Mileage					\$ -
531	Postage					\$ -
534	Cell Phone					\$ -
550	Printing					\$ -
560	Student Tuition					\$ -
500 Other	Insert Object & Description					\$ -
500 Other	Insert Object & Description					\$ -
					NARRATIVE:	
					TOTAL	\$ -
600	SUPPLIES:					
610	General Supplies					\$ -

612	Non Info Tech Inventory Items					\$ -
620	Energy					\$ -
630	Food, Nutrition Program Only					\$ -
640	Professional Books (Ex 641)					\$ -
640	Magazines/Periodicals(Ex 641)					\$ -
640	Library Books (Ex 641)					\$ -
641	Textbooks					\$ -
650	Info Tech Supplies					\$ -
651	Instructional Software Canvas					\$ -
651	Administrative Software					\$ -
652	Computers 37.5% of the budgeted amount for Chromebooks	18	\$	534.00	\$ 9,612.00	\$ 9,612.00
652	Info Tech Inventory Items					\$ -
653	Web Based & Similar					\$ -

NARRATIVE:

As directed, 37.5% of the budget is allocated in FY 16 for the purchase of devices.
The purchase allows for the staff computers and the arrival of 3 student Chromebooks

				TOTAL	\$ 9,612.00	
800	OTHER OBJECTS:					
810	Dues & Fees					\$ -
890	Miscellaneous					\$ -
800 Other	Insert Object & Description					\$ -
NARRATIVE:						
				TOTAL	\$ -	
Subtotal Objects 100 - 600 & 800					\$ 9,612.00	
Approved Indirect Cost Rate: 5.56% x Subtotal Above					\$ 534.43	
700	EQUIPMENT:					
730	Capital Equipment > \$5,000					\$ -
730	Capital Computer > \$5,000					\$ -
700 Other	Other > \$5,000					\$ -
NARRATIVE:						
				TOTAL	\$ -	
GRANT TOTAL					\$ 10,146.43	

Oversubscription Rate Calculator

White Pine County School District

Please enter the bandwidth available at each school site in column C and the available upstream bandwidth in cell E4. Report the oversubscription rate from E7 as the answer to question 2 in the *Connectivity* section.

School Name	Bandwidth (mbps)
White Pine	100
Lund Middle School	100
Total	200

Upstream WAN connection speed (mbps)	100
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Oversubscription Rate	2.0 to 1
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